

WHAT IS CLAIMED IS:

1. A ratchet wrench, comprising:

a handle;

a drive head mounted on an end of the handle and having a first end formed with a receiving hole, a mediate portion formed with a receiving recess communicating with the receiving hole, and a second end formed with a receiving chamber communicating with the receiving recess;

a ratchet wheel mounted in the receiving hole of the drive head;

a pawl member pivotally mounted in the receiving recess of the drive head and engaged with the ratchet wheel;

a control knob rotatably mounted in the receiving chamber of the drive head and having an inside formed with a passage radially extended through the control knob;

a positioning plate mounted in the passage of the control knob and having a first end rested on the pawl member to push the pawl member to press the ratchet wheel; and

an urging spring mounted on a second end of the positioning plate and urged between the positioning plate and the drive head.

2. The ratchet wrench in accordance with claim 1, wherein the positioning plate is substantially E-shaped.

3. The ratchet wrench in accordance with claim 1, wherein the second end of the positioning plate is formed with two slits and a guide shaft

1 located between the two slits, and the urging spring is mounted on the guide
2 shaft and located between the two slits.

3 4. The ratchet wrench in accordance with claim 3, wherein the urging
4 spring is supported and guided by the guide shaft of the positioning plate.

5 5. The ratchet wrench in accordance with claim 1, wherein the
6 ratchet wheel is a substantially T-shaped socket.

7 6. The ratchet wrench in accordance with claim 5, wherein the
8 ratchet wheel has a bottom formed with an annular groove for fixing a
9 C-shaped snap ring which is rested on a bottom of the drive head to secure the
10 ratchet wheel on the drive head.

11 7. The ratchet wrench in accordance with claim 1, wherein the pawl
12 member has a side formed with an arcuate positioning edge, and the first end of
13 the positioning plate is rested on the positioning edge of the pawl member.

14 8. The ratchet wrench in accordance with claim 7, wherein the
15 passage of the control knob is aligned with the positioning edge of the pawl
16 member.

17 9. The ratchet wrench in accordance with claim 1, wherein the
18 control knob has a periphery formed with an annular snap groove, and the
19 ratchet wrench further comprises a limit spring mounted in the snap groove of
20 the control knob to rotate with the control knob.

21 10. The ratchet wrench in accordance with claim 9, wherein the
22 control knob has a first end formed with a drive handle protruding outward

1 from the drive head and a second end formed with an enlarged resting plate
2 located adjacent to the snap groove.

3 11. The ratchet wrench in accordance with claim 10, wherein the
4 limit spring is rested on the resting plate of the control knob.

5 12. The ratchet wrench in accordance with claim 1, wherein the
6 positioning plate has a sheet shape.